

ABSTRACT:

The invention relates to an actuator having a plurality of piezoelectric drives (1a, 1b, 1c) and a sphere (2) which is rotatable about at least two axes of rotation (7a, 7b, 7c), and to an arrangement for transmitting pictures and sound, including an actuator. The actuator should be flexible in use and is to be realized at minimal cost. For this purpose, 5 at least two piezoelectric drives (1a, 1b, 1c) have been provided which can rotate the sphere (2) arbitrarily, the piezoelectric drives (1a, 1b, 1c) being capable of transmitting their power to the sphere (2) in order to rotate this sphere about a respective axis of rotation by friction with the aid of vibrations in a tangential direction relative to the surface of the sphere (2).

2007-09-14 10:00